I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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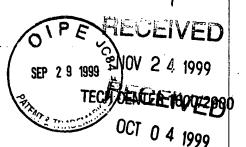
Assistant Commissioner for Patents

Washington, D.C. 20231

on upt 23, 1999

TOWNSEND and TOWNSEND and CREW LLP

By: Marsia Starum



IN THE UNITED STATES PATENT AND TRADEMARK CONCERT 1600/2900

In re application of:

Lonberg, et al.

Application No.: 08/728,463

Filed: October 10, 1996

For: TRANSGENIC NON-HUMAN ANIMALS CAPABLE OF PRODUCING HETEROLOGOUS ANTIBODIES Examiner: Phillip Gambel, Ph.D.

Art Unit: 1644

AMENDMENT and RESPONSE

SPECIAL FRUGINANS OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Responsive to the communication mailed August 27, 1999, Applicants respectfully request entry of the amendment and consideration of the remarks set forth herein. The following documents are enclosed herewith:

- Appendix A: pending claims after entry instant amendment
- Postcard

AMENDMENT

Please amend the above-captioned application as follows:

In The Claims: